

High School to College Articulation Map

Area of Study: Trade & Technical Education

Pathway: Mechanics & Repairs-Heavy Duty Diesel

National Career Cluster: Architecture and Construction

Region: Mountainland District(s): Alpine, Provo, Nebo, Wasatch, No. Summit, So. Summit, Park City School : REGIONAL AGREEMENT Contact person: Lisa Birch Ph.#: 801-492-2900 e-mail: lisa.birch@mountainlandatc.org Date: 10/04/06	College / Institution: Utah Valley State College Articulation Agreement in place? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Name of Degree or Certificate: AAS in Automotive Technology (64 Credits Required)
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High School				College		
Course #	High School Suggested Courses	H.S. Credit	College Credits	Course #	College General Education Requirements	Credits
ENGL	ENGLISH			ENGL	ENGLISH	3
				ENGL1060	Career Writing for Technology	
MATH	MATHEMATICS		3	MATH	MATHEMATICS	3
				AUT1260 or	Tech Math for Mechanics	
				MAT1000	Integrated Beginning and Intermediate Algebra (5.0)	
→	Any math course higher than MAT1000			→	Or any higher math course	
	HUMANTIES/FINE ARTS/FOREIGN LANGUAGE Complete one course from the following:		3		HUMANITIES/FINE ARTS/FOREIGN LANGUAGE Complete one course from the following	3
HUM1010	Humanities * **	1		HUM1010	Humanities Through the Arts	
COMM1020	Public Speaking **	1		COM1020	Public Speaking	
ART1010	Art/Art Foundations *	1		ART1010	Introduction to Visual Arts	
50.0406	Commercial Photo	.5		ART1050	Photography I	
ART1110	AP Drawing *	1		ART1110	Drawing I	
ART1340	3-D Design II *	1		ART1340	Sculpture I	
ART1350	Ceramics II *	1		ART1350	Ceramics I	
ARTH2720	Art History *	1		ARTH2720	History of Art from the Renaissance	
MUSC1010	Music Appreciation *	1		MUSC1010	Introduction to Music	
THEA1013	Introduction to Theater **	1		THEA1013	Introduction to Theater	
THEA1023	Film/Video Production I or II *	1		THEA1023	Introduction to Film	
				→	Any other approved Humanities/Fine Arts/Foreign Language distribution course	

	SOCIAL/BEHAVIORAL SCIENCE Complete one course from the following		3		SOCIAL/BEHAVIORAL SCIENCE Complete one course from the following	3
GEOG1300	Survey of World Geography **	1		GEOG1300	Survey of World Geography	
HIST1100	History of Civilization *	1		HIST1100	History of Civilization I	
HIST1700	AP US History *	1		HIST1700	American Civilization	
52.0211	Business Management *	.5		MGMT1010	Introduction to Business	
MGMT2020	Macroeconomics **	.5		MGMT2020	Macroeconomics	
POLS1100	American National Government **	1		POLS1100	American National Government	
PSY1010	AP Psychology * Gen. Psych. **	1		PSY1010	General Psychology	
SOC1010	Sociology * Intro to Sociology **	1		SOC1010	Introduction to Sociology	
				→	Any other approved Social/Behavioral Science distribution course	
	BIOLOGY/PHYSICAL SCIENCE Complete one course from the following		3		BIOLOGY/PHYSICAL SCIENCE Complete one course from the following	3
BIOL1010	AP Biology * Gen. Biology **	1		BIOL1010	General Biology	
GEO1010	Geology * Intro. To Geology **	1		GEO1010	Introduction to Geology	
PHYS1010	Physics Honors/Engr. I *	1		PHYS1010	Elementary Physics	
PHYS1040	Astronomy *	1		PHYS1040	Elementary Astronomy	
				→	Any other approved Biology/Physical Science distribution course	
	PHYSICAL ED./HEALTH/SAFETY OR ENVIRONMENT Complete one course from the following		1		PHYSICAL ED./HEALTH/SAFETY OR ENVIRONMENT Complete one course from the following	1
HLTH1100	Personal Health & Wellness **	1		HLTH1100	Personal Health & Wellness	
				→	Any other approved Physical Ed./Heath/Safety or Environment distribution course	
H.S.Total (General Ed.)And Other Available Credits			13	College Total Credits		16

Course CIP #	High School Career Pathway Courses (min. 4 Required)	H.S. Credit	College Credits	Course #	College Major Course Requirements	Credits
	Students may select individual courses for exploration or complete pathway for an in-depth focus.					
Course#	Foundation Courses: (required)	Credit				
47.0605	Heavy Duty Mechanics/Diesel	1.00				
Course #	Elective Courses:	Credit				
47.0604	Automotive Service Technology	1.00				
47.0105	Electronics I	1.00				
47.0606	Small Vehicle Technician	1.00				
32.0199	Student Internship (Critical Workplace Skills)	.50				
				DMT1110	Diesel Engine Overhaul	6
				DMT1120	Diesel Engine Operation/Tune Up	6
				DMT1510	Electrical Systems	6
				DMT1520	Engine Electronics & Diagnostics	6
				DMT2310	Fluid Power Theory and Lab	6
				DMT2320	Fluid Power Transmission Theory and Lab	6
				DMT2410	Chassis Theory and Lab	6
				DMT2420	Power Trains Theory and Lab	6
Total Pathway Credits			0	Total Major Course Credits Required		48
TOTAL Potential(college) Credits Earned in High School			13	TOTAL Credits Required for Major		64

Note: This is a regional agreement. Some classes and some concurrent enrollment agreements may not be available in your particular high school. See your individual school for specific program offering. Also, District CIP codes may differ, contact your district for specific CTE class offerings.

Note: *= concurrent **= distant